

ATF / \$ FW

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



APPLICANT(S): Gaucher et al. Examiner: Ephrem Alemu  
 SERIAL NO.: 10/731,520 Group Art Unit: 2821  
 FILED: December 9, 2003 Dated: August 24, 2006  
 FOR: APPARATUS AND METHODS FOR CONSTRUCTING  
 ANTENNAS USING VIAS AS RADIATING ELEMENTS FORMED  
 IN A SUBSTRATE

Mail Stop AF  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**AMENDMENT TRANSMITTAL FORM**

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status of this application under 37 C.F.R. §§1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity under 37 C.F.R. §§1.9 and 1.27 is enclosed.
- ☒ No additional fee is required.

For	Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra	Rate (Small Entity)	Addit. Fee	Rate	Addit. Fee
TOTAL CLAIMS*	38	39	0	x 25 =	\$0	x 50 =	\$0
INDEPENDENT CLAIMS	4	4	0	x 100 =	\$0	x 200 =	\$0
<input type="checkbox"/> First Presentation of Multiple Dep. Claim				180		360	\$0

\* If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20".

\*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The Highest No. Previously Paid For" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 24, 2006.

Dated: August 24, 2006

Frank V. DeRosa

- ☐ Please charge Deposit Account No. 50-0510/IBM (Yorktown Heights) in the amount of \$\_\_\_\_\_. Two (2) copies of this sheet are enclosed.
- ☐ A check in the amount of \$\_\_\_\_\_ is enclosed.
- ☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §§1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 50-0510/IBM (Yorktown Heights). Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 50-0510/IBM (Yorktown Heights) therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

F. CHAU & ASSOCIATES, LLC  
130 Woodbury Road  
Woodbury, NY 11797  
(516) 692-8888

Respectfully submitted,



Frank V. DeRosa  
Reg No. 43,584  
Attorney for Applicant(s)



**RESPONSE UNDER 37 CFR 1.116  
- EXPEDITED PROCEDURE -  
EXAMINING GROUP ART UNIT 2821**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Gaucher, et al.

**Examiner:** Alemu, Ephrem

**Serial No.:** 10/731,520

**Group:** Art Unit 2821

**Filed:** December 9, 2003

**Docket:** YOR920030232US1 (8728-630)

**For:**           **Apparatus and Methods For Constructing Antennas Using  
                          Vias as Radiating Elements Formed in a Substrate**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

**RESPONSE**

This is a response to the Final Office Action mailed on June 26, 2006. Applicants request reconsideration of the claim rejections.

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Dated: 8/24/06

  
Frank V. DeRosa